




air pollution control district
SANTA BARBARA COUNTY

Agenda Item: F-2
Agenda Date: January 21, 2021
Agenda Placement: Admin
Estimated Time: N/A
Continued Item: No

Board Agenda Item

TO: Air Pollution Control District Board

FROM: Aeron Arlin Genet, Air Pollution Control Officer 

CONTACT: Lorena Saldana, Executive Assistant/Board Clerk, (805) 961-8853

SUBJECT: District Grant and Incentives Program Activity

RECOMMENDATION:

Receive and file the following:

1. An update on the Old Car Buy Back Program for vehicles retired during the period of December 1, 2020 through December 31, 2020;
2. An update on the Woodsmoke Reduction Program for fireplace and stove replacement projects during the period of December 12, 2019 through December 31, 2020; and
3. An update on the Landscape Equipment Electrification Fund (LEEF) Program Year 2 for zero-emission landscape equipment vouchers during the period of November 16, 2020 through December 31, 2020.

DISCUSSION:

This item provides an update on three grant programs and the activity that has occurred since your last Board meeting. Grant fund allocation reports for the District's Old Car Buy Back Program, Woodsmoke Reduction Program, and Landscape Equipment Electrification Fund Program identify funding allocation to date, remaining fund balance, and project location.

ATTACHMENTS:

- A. Old Car Buy Back Program Update
- B. Woodsmoke Reduction Program Update
- C. Landscape Equipment Electrification Fund Program Update

Aeron Arlin Genet, Air Pollution Control Officer

ATTACHMENT A

Old Car Buy Back Program Update for the period of
December 1, 2020 – December 31, 2020

January 21, 2021

Santa Barbara County Air Pollution Control District
Board of Directors

260 San Antonio Road, Suite A
Santa Barbara, California 93110



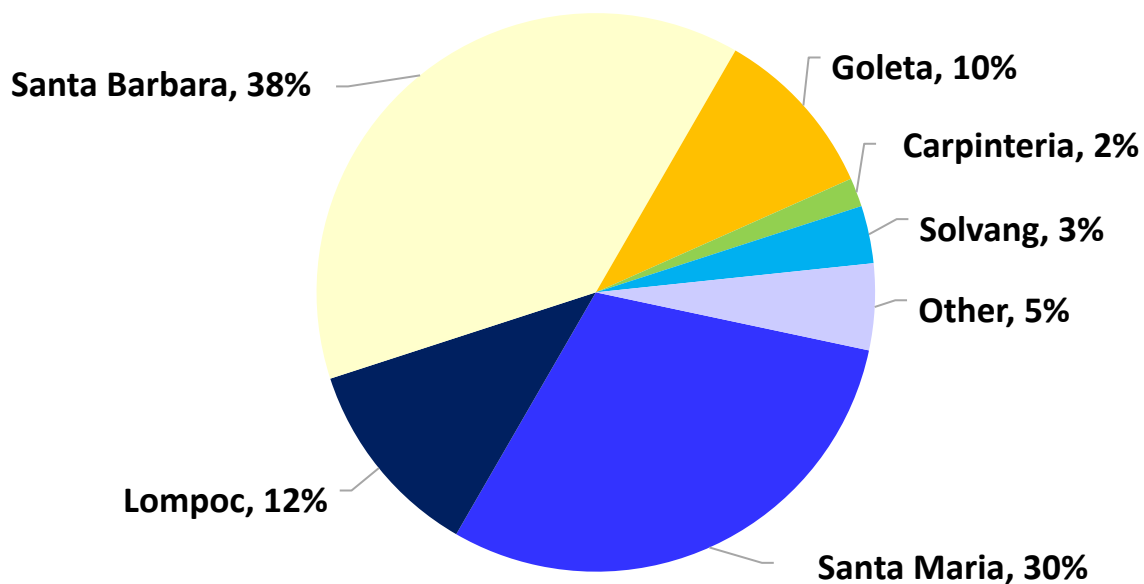
Old Car Buy Back Program Update

The District's Old Car Buy Back Program currently pays Santa Barbara County vehicle owners \$1,000 to voluntarily retire their fully legal and operational 1997 or older, light or medium duty car, truck, van, or SUV. The regional dismantlers earned \$250 for each vehicle that they helped retire. Currently, the total program cost is \$1,250 to retire a vehicle.

The program accelerates the improvement of air quality by removing high polluting vehicles from the road, quicker than normal vehicle attrition. Funding for the program is derived from \$2 DMV registration surcharge funds. Below is the program data for the most recent reporting period and the entire fiscal year. The program was put on hold on August 21st 2020 while we implemented the new Board approved contracts with the dismantlers and the program began receiving vehicles again on October 16th 2020.

Old Car Buy Back Program Activity		
	12/1/2020–12/31/2020	FY 2020-21
Vehicles retired	14	64
Funds committed @ \$1,250/vehicle	\$17,500	\$80,000
Total tons reduced [NOx+ ROC + PM]	1.16	5.18
Average project cost-effectiveness	\$15,707/ton	\$16,143/ton

Vehicle Owner Location (FY 2020-2021)



ATTACHMENT B

Woodsmoke Reduction Program Update for the period of
December 12, 2019 – December 31, 2020

January 21, 2021

Santa Barbara County Air Pollution Control District
Board of Directors

260 San Antonio Road, Suite A
Santa Barbara, California 93110



Woodsmoke Reduction Program Update

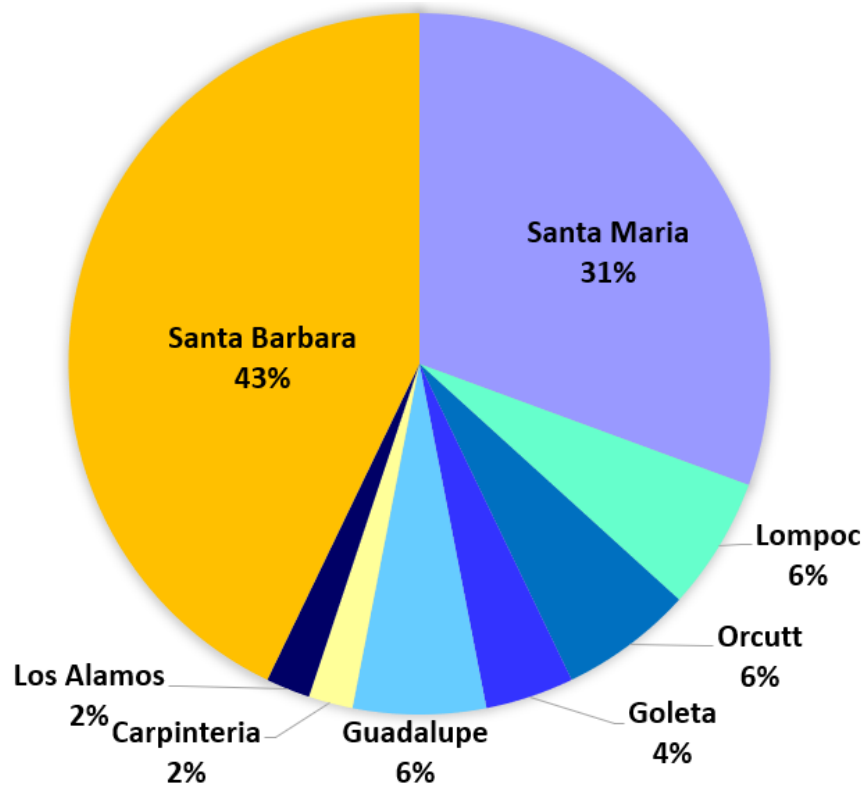
This voluntary program is designed to help households replace a wood-burning uncertified stove, fireplace insert, or fireplace used as a primary source of heat with a cleaner-burning and more efficient device. Applicants who meet low-income eligibility requirements may qualify for an Enhanced Incentive Voucher of up to \$5,000. All other applicants may qualify for the Standard Voucher of up to \$1,000. Program funds come from California Climate Investments, a statewide initiative that puts Cap-and-Trade dollars to work.

The program improves air quality and mitigates neighborhood impacts by reducing the amount of woodsmoke emitted from fireplaces and wood stoves in the county, which accounts for about 33 percent of wintertime particulate matter (PM_{2.5} and PM₁₀) emissions. In addition to particulate matter, woodsmoke contains soot, dioxins, carbon dioxide, and volatile organic compounds. Breathing woodsmoke can reduce lung function, aggravate heart and lung diseases, and trigger asthma. The program also achieves reductions in black carbon, a short-lived climate pollutant emitted when wood burns.

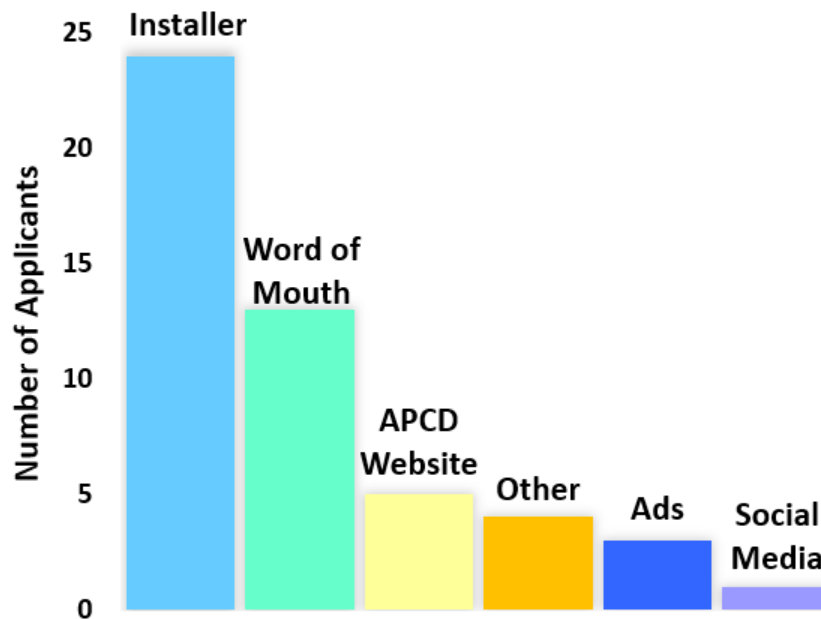
Year 2 Program Fireplace and Stove Replacements (December 12 th 2019 – December 31 st 2020)						
Household Type	Vouchers Issued	Projects Completed		\$ Expended	PM _{2.5} Reduced (lbs)	Ozone Precursors Reduced (NO _x and ROC, lbs)
		Wood-burning to Gas-burning	Wood-burning to EPA-Certified Wood-Burning			
Low Income	49	36	2	\$184,274	73,557	139,359
Other	4	2	0	\$2,000	3,961	7,434
Total	53	38	2	\$186,274	77,518	146,793
Year 2 Program Budget				\$215,068		
Year 2 Program Balance				\$28,794		
Cost Effectiveness (\$/ton PM _{2.5})				\$4,806		
Cost Effectiveness (\$/ton NO _x and ROC)				\$2,538		



Project Location



How Applicants Learned of Program



ATTACHMENT C

Landscape Equipment Electrification Fund (LEEF) Update for
the period of
November 16, 2020 – December 31, 2020

January 21, 2021

Santa Barbara County Air Pollution Control District
Board of Directors

260 San Antonio Road, Suite A
Santa Barbara, California 93110



Landscape Equipment Electrification Fund (LEEF) Program Year 2 Update

The LEEF Program offers vouchers to help landscape businesses, nonprofits, public agencies, and public or private schools that perform their own landscape maintenance services and are located in or do business within the County, to adopt the use of zero-emission electric landscape equipment. Year 2 of the program is funded with \$100,000 from the District's Clean Air Fund that the District Board approved in October 15, 2020. Eligible organizations can receive a voucher of up to \$7,000 for the purchase of electric landscape equipment and up to \$500 for the voluntary disposal of gasoline landscape equipment that will be replaced by electric equipment purchased through the program. The voucher covers up to 60% of the purchase price for landscape equipment including mowers, leaf blowers and vacuums, edgers, trimmers, chainsaws, pole saws, batteries, and chargers. The application window is currently open till January 15, 2021. Applications will be reviewed, and vouchers will be issued based on a ranking system after the close of the application window.

The program helps reduce gasoline- and diesel-powered landscape equipment emissions including nitrogen oxides, particulate matter, carbon dioxide, and other pollutants. The program also helps community members, businesses, and employees experience the health and environmental benefits of cleaner technology that may ultimately lead to greater use of zero emission landscape equipment throughout the county. Year 2 of the program incorporates lessons learned from a successful pilot program that ran over the spring and summer of 2020.

LEEF Program Year 2 Initial Applications (November 16 th – December 31 st , 2020)		
Applications Received		
Organization Type	Number	Amount Requested
Business	11	\$56,375
Nonprofit	7	\$17,392
Public Agency	1	\$812
School	2	\$1,193
Total	21	\$75,772

Applicant Location

